



PRODUCT BULLETIN

ELDORADO HTP-1190L Permanganate Scale Conditioner

Eldorado HTP-1190L is a highly alkaline, strongly oxidizing, blue-black liquid for use in cleaning jet engine parts. Tenacious oxides are conditioned for easier removal.

PROPERTIES

1. Dark liquid containing potassium permanganate.
2. Conforms to requirements of Technical Order 2J-1-13.
3. Conditions heat scale for removal by other solutions.
4. Approved by General Electric Company, Rolls-Royce, and Pratt & Whitney, for use on jet engine parts.
5. Avoid use on aluminum parts.

USE

Use as received in a mild, steel tank. In a typical application, immerse parts to be conditioned into solution at 180° - 200°F for 30-60 minutes, then rinse with water, followed by spray rinse to remove softened deposits. Follow engine manufactures recommendation for more specific guidance on part exposure.

PRECAUTIONS

Danger: Contact with HTP-1190L causes severe burns to eyes and skin. **Eldorado HTP-1190L** mist is very irritating to eyes and mucous membranes. Respirators for breathing are required when handling **HTP-1190L**, and ventilation is required to avoid breathing mists during use. **HTP-1190L** is a powerful oxidizer and can cause fire when in contact with combustible material. Consult MSDS for further details.

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NOTICE: The information presented here is based upon our laboratory tests and field use experience. Since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. **Eldorado Chemical Co., Inc.**'s sole obligation shall be to replace that portion of the product shown to be defective; nor shall we be liable for any loss, damage or injury—direct or consequential—arising out of the use of this product.

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